

## IDAHO RARE PLANT OBSERVATION REPORT

2004

Species: \_\_\_\_\_ Date of Observation: \_\_\_\_\_

Observer(s): \_\_\_\_\_

Agency/Organization/Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Survey Site Name: \_\_\_\_\_

County: \_\_\_\_\_ Quad: \_\_\_\_\_

Township: \_\_\_\_\_ Range: \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_

Township: \_\_\_\_\_ Range: \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_

Directions (be specific): \_\_\_\_\_

Is this an update or addition of an existing occurrence? ☐ Yes ☐ No ☐ Unsure

Give CDC occurrence # if known: \_\_\_\_\_

**GPS Information:** Enter **either** UTM's **or** latitude/longitude coordinates from GPS, as well as datum, way points (optional) and accuracy information in the table below. **If you did not take GPS readings, please leave this table blank.**

NAD	Zone	Way Point or ID#	UTM Northing or Latitude	UTM Easting or Longitude	Accuracy	Subpopulation #
					+/-	
					+/-	

**If you have more coordinates, please list them on Page 5.**

**Mapping Instructions:** Attach a photocopy of the appropriate part of the USGS 7.5 minute quad (or comparable map) and delineate the population and all subpopulations (if present) on the map using the guidelines listed below. **Label subpopulations if you have population and/or habitat information for them.**

- If the population/subpopulation area is < 12.5 meters ( 40 ft.) in diameter, place a single point on the map marking its location. If necessary, indicate these point locations with an arrow so they are easier to see.
- If the population/subpopulation area is > 12.5 meters (40 ft.) in diameter, draw a polygon on the map .
- If the population/subpopulation follows the boundary of a trail, lake, stream, road, etc., draw the boundary on the edge of this feature. Where needed, add notes regarding boundary lines.

How accurately do you feel you mapped the population compared to its actual location on the ground. Use the guidelines in parentheses to determine how many meters (m)/miles on the ground correspond to millimeters (mm.) or inches (in.) on a 1:24,000 scale map.

- ☐ within 25 m (0 – 1 mm.)     
 ☐ 25 – 50 m (1 – 2 mm.)     
 ☐ 50 – 100 m (2 – 4 mm.)     
 ☐ 100 - 200 m. (4 – 8 mm.)  
☐ 200 m – ¼ mile ( 8 – 16 mm.)     
 ☐ ¼ – ½ mile ( 0.6 – 1.25 in.)     
 ☐ ½ – 1 mile ( 1.25 – 2.4 in.)     
 ☐ > 1 mile (> 2.5 in.)

**Population Information** - Please fill in this section with the information for the entire population. If subpopulations exist and you have information for them, complete the subpopulation information forms on page 4.

The total # of plants in the entire population, including all subpopulations: \_\_\_\_\_ ☐ Actual ☐ Estimated

If the population is composed of two or more subpopulations, how many subpopulations? \_\_\_\_\_

What was counted? ☐ Genets ☐ Ramets ☐ N/A (non-vascular etc.) ☐ Unknown

Phenology: \_\_\_\_\_ % seedling \_\_\_\_\_ % non-reproductive \_\_\_\_\_ % reproductive \_\_\_\_\_ % dormant \_\_\_\_\_ % unknown

The size of the population area is \_\_\_\_\_

Population vigor is ☐ excellent ☐ good ☐ fair ☐ poor

Do you feel you mapped the full extent of the population? ☐ Yes ☐ No ☐ Unsure

Is there more potential habitat in the area that hasn't been surveyed? ☐ Yes ☐ No ☐ Unsure

Are there any monitoring or research needs for this population? \_\_\_\_\_

The survey was: ☐ very thorough ☐ fairly thorough ☐ cursory ☐ incidental observation

Additional population comments: \_\_\_\_\_

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**CONDITION** is an integrated measure of the quality of biotic and abiotic factors, structures, and processes **within** the occurrence, and the degree to which they affect the continued existence of the occurrence. Condition has the following components: reproduction and health for species, ecological processes, species composition and biological structure, and abiotic/chemical factors.

Briefly comment on the **CONDITION** of the occurrence: \_\_\_\_\_

Overall **Condition** is: ☐ excellent ☐ good ☐ fair ☐ poor

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**LANDSCAPE CONTEXT** is an integrated measure of the quality of biotic and abiotic factors, structures, and processes **surrounding** the occurrence, and the degree to which they affect the continued existence of the EO. Components of Landscape Context are: landscape structure and extent, including genetic connectivity, and condition of the surrounding landscape.

Briefly comment on the **LANDSCAPE** (e.g. condition) **of the area surrounding the population**. Include factors such as current and past land use (e.g. farmland, residential area etc.), disturbance factors (e.g. fire, weeds), and fragmentation. \_\_\_\_\_

Overall **landscape** is: ☐ excellent ☐ good ☐ fair ☐ poor

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**EO Rank** indicates the relative value of the Element Occurrence based on an assessment of estimated viability, i.e., the probability of persistence (based on condition, size, and landscape context). In other words, EO ranks provide an assessment of the likelihood that if current conditions prevail the occurrence will persist for a defined period of time, typically 20-100 years. Please assign this occurrence an EO Rank:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> A – Excellent Estimated Viability     | <input type="checkbox"/> AB – Good or Excellent Viability             | <input type="checkbox"/> B – Good Estimated Viability          |
| <input type="checkbox"/> BC – Fair or Good Estimated Viability | <input type="checkbox"/> C – Fair Estimated Viability                 | <input type="checkbox"/> CD – Poor or Fair Estimated Viability |
| <input type="checkbox"/> D – Poor Estimated Viability          | <input type="checkbox"/> E – Verified Extant (Viability Not Assessed) |  |
| <input type="checkbox"/> F – Failed to Find                    | <input type="checkbox"/> H – Historical                               | <input type="checkbox"/> X – Extirpated                        |

**Habitat Description** – Please fill in this section with information for the **entire population**, using ranges where appropriate. If subpopulations exist and there is specific habitat information or threats that need noting, provide the information on page 4. Please avoid abbreviations if possible, thanks!

General habitat description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Aspect: \_\_\_\_\_ Slope: \_\_\_\_\_

Substrate/soil: \_\_\_\_\_ Light regime: \_\_\_\_\_

Habitat or Community Type: \_\_\_\_\_

Associated Species include: \_\_\_\_\_

\_\_\_\_\_

Look-alike species that are present: \_\_\_\_\_

Minimum Elevation: \_\_\_\_\_ ft. Maximum Elevation: \_\_\_\_\_ ft.

Comment on threats to the population and its immediate habitat including **level** and **immanency** of threat if known. Include factors such as land use, disturbance, disease or predation, invasive weeds, etc. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Land Owner/Managers (forest/ranger district/BLM/ or private land owner if known): \_\_\_\_\_

\_\_\_\_\_

Landowner Comments: \_\_\_\_\_

\_\_\_\_\_

Management Needs (include any steps that you think should land managers should take to protect the population): \_\_\_\_\_

\_\_\_\_\_

Collector/Collection #: \_\_\_\_\_ Herbarium: \_\_\_\_\_

Photo Attached? ☐ Yes ☐ No

Other knowledgeable individuals: \_\_\_\_\_

**ADDITIONAL COMMENTS** (additional GPS coordinates or anything else that did not have a place on this form):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PLEASE MAIL THIS FORM TO: INFORMATION MANAGER, IDAHO CONSERVATION DATA CENTER,  
IDAHO DEPARTMENT OF FISH AND GAME, PO BOX 25, BOISE, ID 83707**

**Subpopulation Information** - If you have additional subpopulations, please photocopy this sheet and attach information.

Subpopulation # \_\_\_\_\_ Subpopulation area: \_\_\_\_\_

The total # of individuals in subpopulation is \_\_\_\_\_ ☐ Actual ☐ Estimated

Subpopulation vigor is ☐ excellent ☐ good ☐ fair ☐ poor

Habitat information: \_\_\_\_\_

\_\_\_\_\_

Threats to this subpopulation: \_\_\_\_\_

\_\_\_\_\_

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

GPS Coordinates: \_\_\_\_\_

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Habitat information: \_\_\_\_\_

\_\_\_\_\_

Threats to this subpopulation: \_\_\_\_\_

\_\_\_\_\_

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

GPS Coordinates: \_\_\_\_\_

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Habitat information: \_\_\_\_\_

\_\_\_\_\_

Threats to this subpopulation: \_\_\_\_\_

\_\_\_\_\_

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

GPS Coordinates: \_\_\_\_\_

### Additional GPS Coordinates

[illegible]